

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	907	((masaki with yamada) (akihiko with iwata) (yoshihiro with hatakeyama)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/07 18:38
L2	216	1 and (straightforward phase inverter rectifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/07 18:39
L3	183	307/45.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/07 19:26
L4	351	307/46.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/07 19:26
L5	838	307/151.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/07 19:26
L6	25951	(MITSUBISHI DENKI KABUSHIKI KAISHA ).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/07/07 19:27
L7	257	6 and rectifier and inverter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/07/07 19:28

S1	2	(307/43-86.ccls.) and inverter and battery and single near2 phase same inverter and (PWM modulation modulat\$3 (pulse near2 width)) and superimpos\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 11:03
S2	18	("307"/\$.ccls. "323"/\$.ccls. "363"/\$.ccls.) and inverter and battery and single near2 phase same inverter and (PWM modulation modulat\$3 (pulse near2 width)) and superimpos\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 11:05
S3	4	("5949668"   "6621719"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 11:31
S4	4	("5949668"   "6621719"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 16:04
S5	24	307/43-87.ccls. and battery and single near2 phase near2 inverter and uninterrupt\$5 near2 power \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/15 16:11
S6	243	307/43-87.ccls. and battery and ((compensat \$4 voltage) near2 (abnormal\$4 variation sag \$3 brown\$3 spike dip\$3 drop\$3)) and uninterrupt \$5 near2 power\$3 and converter and inverter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/15 16:49
S7	412	Uninterrupt\$5 near3 power and (converter inverter) near4 (series serially serial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 12:23
S8	28	Uninterrupt\$5 near3 power and (converter inverter) near4 (cascade \$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/18 12:42

S9	413	Uninterrupt\$5 near3 power and (converter inverter) near4 (series serially serial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 09:05
S10	28	Uninterrupt\$5 near3 power and (converter inverter) near4 (cascade \$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 09:05
S11	64455	(converter inverter) near4 (cascade\$4 (series serially serial) ) not (S9 S10)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 09:05
S12	0	(converter inverter) near4 (cascade\$4 (series serially serial) ) not (S9 S10) and Uninterrupt\$5 near3 power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 09:20
S13	7702	(converter inverter) near4 (cascade\$4 (series serially serial) ) not (S9 S10) and battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 09:20
S15	315	(converter inverter) near5 (cascade\$4 (series serially serial) ) and battery and Uninterrupt\$5 near3 power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 09:22
S16	17	("20010049038"   "20020008496"   "20020070705"   "20030091882"   "20030107906"   "20030193318"   "20030197428"   "20030214303"   "5773962"   "5786992"   "5894415"   "5912552"   "6177780"   "6243277"   "6329792"   "6377024"   "6639383").PN. OR ("7282814").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 09:31

S17	25	(US-20070164613-\$ or US-20050052084-\$ or US-20030052544-\$ or US-20030048006-\$ or US-20060138867-\$ or US-20060119184-\$ or US-20050040711-\$ or US-20050012395-\$ or US-20040036361-\$ or US-20080198637-\$ or US-20070247004-\$ or US-20060152085-\$ or US-20050063115-\$ or US-20040233690-\$ or US-20020190525-\$ or US-20020136029-\$ or US-20080055947-\$ or US-20060202636-\$).did. or (US-6621719-\$ or US-5949668-\$ or US-5654591-\$ or US-5115386-\$ or US-7282814-\$).did. or (JP-2006109627-\$).did. or (JP-2001352697-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/09/22 09:58
S18	7	S17 and reactive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/22 09:58
S19	0	"09362149"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/22 10:40
S20	0	"09-362149"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/22 10:40
S21	6	"11178216"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/22 10:40
S22	26	("307"/\$.ccls. "323"/\$.ccls. "363"/\$.ccls.) and detector with voltage with (drop\$3 fail\$3) with (open \$3 clos\$3) with switch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/05 21:02

S23	587	307/43.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/05 21:10
S24	0	("2007/0164613").URPN.	USPAT	OR	OFF	2009/10/20 18:31
S25	819	"307"/\$.ccls. and (series serial) near2 parallel\$3 same (inverter converter rectifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:40
S26	329	S25 and battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:40
S27	32	("2980842"   "3694731"   "3846695"   "3938031"   "3984750"   "4009431"   "4239978"   "4315162"   "4339704"   "4622629"   "4739466"   "4788452"   "4937731"   "5001623"   "5121046"   "Re23314"). PN. OR ("5398182"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/20 19:44
S28	8	("5267137"   "5398182"   "5460244"   "5576940"   "5629591").PN. OR ("5886889").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/20 19:55
S29	783	invert\$4 with (parallel\$4 series) same (voltage potential) near2 difference	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/20 20:18
S30	187	(inverter\$3 convert\$4) and (Pseudo-sinusoid\$3 or (Pseudosinusoid\$3) or (Pseudo adj sinusoid\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:30
S31	8	"307"/\$.ccls. and (Pseudo- sinusoid\$3 or (Pseudosinusoid\$3) or (Pseudo adj sinusoid\$4) Pseudo-ac or (Pseudoac) or (Pseudo adj ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:37

S32	223	"307"/\$.ccls. and (series-parallel or parallel-series )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:44
S33	109	"307"/\$.ccls. and series near2 inverter and battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 21:44
S34	4	"6906435"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/23 19:10
S35	5	("4642475"   "5446645"   "5801937"   "6121695"   "6492745").PN. OR ("6906435").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/23 19:10
S36	29	"307"/\$.ccls. and bypass near3 switch and invert\$3 and rectifier and (dip\$4 sag\$3) and battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/23 19:12
S37	2	"307"/\$.ccls. and bypass near3 switch and invert\$3 and rectifier and ("VSC") and battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/23 19:23
S38	8	bypass and invert\$3 and rectifier and ("VSC") and battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/23 19:23
S39	343	bypass\$3 and switch and invert\$3 and rectifier and (dip\$4 sag\$3) and battery not (S34 S35 S36 S37 S38)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/23 19:25

S40	32	(US-20070164613-\$ or US-20050052084-\$ or US-20030052544-\$ or US-20030048006-\$ or US-20060138867-\$ or US-20060119184-\$ or US-20050040711-\$ or US-20050012395-\$ or US-20040036361-\$ or US-20080198637-\$ or US-20070247004-\$ or US-20060152085-\$ or US-20050063115-\$ or US-20040233690-\$ or US-20020190525-\$ or US-20020136029-\$ or US-20080055947-\$ or US-20060202636-\$ or US-20050116547-\$ or US-20040084965-\$ or US-20030042877-\$).did. or (US-6621719-\$ or US-5949668-\$ or US-5654591-\$ or US-5115386-\$ or US-7282814-\$ or US-5777837-\$ or US-6577513-\$ or US-5398182-\$ or US-5886889-\$).did. or (JP-2006109627-\$).did. or (JP-2001352697-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2009/10/24 14:13
S41	18	S40 and single near2 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/24 14:13
S42	31	"307"/\$.ccls. and bidirection\$4 with battery with converter\$4 same charg\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 14:32
S43	15	(S40 S42) and (real imaginary reactive) near2 power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 15:12
S44	3	"307"/\$.ccls. and bidirection\$4 with battery with converter\$4 same charg\$4 and reactive near2 power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 16:12

S45	6	bidirection\$4 with battery with converter\$4 same charg\$4 and reactive near2 power not S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 16:12
S46	100	"307"/\$.ccls. and inverter and rectifier and battery and reactive near2 power not S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 16:14
S47	8	S40 and mechanical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 17:08
S48	7716	square near2 wave with sinusoidal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/07 14:30
S49	573	S48 and ("307"/\$.ccls. "323"/\$.ccls. "363"/\$. ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/07 14:52
S50	22	("3775662"   "3867643"). PN. OR ("4117364"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/07 15:00
S51	55	S48 and (backup uninterrupt\$4) adj2 power \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/07 15:05
S52	15	("5856712").URPN.	USPAT	OR	OFF	2010/07/07 15:15
S53	426	square near2 wave and 307/43-87.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/07 15:29

## EAST Search History (Interference)

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